

<b>Project Title:</b>	Inflammasomes in pathogenesis of mesothelioma
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Publication Title	Authors	Journal (Pub date)	Volume/Page	PubMed Link
Asbestos and erionite prime and activate the NLRP3 inflammasome that stimulates autocrine cytokine r ...	Hillegass, Jedd M; Miller, Jill M; MacPherson, Maximilian B; Westbom, Catherine M; Sayan, Mutlay; Thompson, Joyce K; Macura, Sherrill L; Perkins, Timothy N; Beuschel, Stacie L; Alexeeva, Vlada; Pass, Harvey I; Steele, Chad; Mossman, Brooke T; Shukla, Arti	Part Fibre Toxicol (2013)	10 / 39	PubMed Citation
Asbestos modulates thioredoxin-thioredoxin interacting protein interaction to regulate inflammasome ...	Thompson, Joyce K; Westbom, Catherine M; MacPherson, Maximilian B; Mossman, Brooke T; Heintz, Nicholas H; Spiess, Page; Shukla, Arti	Part Fibre Toxicol (2014)	11 / 24	PubMed Citation
CREB-induced inflammation is important for malignant mesothelioma growth.	Westbom, Catherine M; Shukla, Anurag; MacPherson, Maximilian B; Yasewicz, Elizabeth C; Miller, Jill M; Beuschel, Stacie L; Steele, Chad; Pass, Harvey I; Vacek, Pamela M; Shukla, Arti	Am J Pathol (2014 Oct)	184 / 2816-27	PubMed Citation
Curcumin: a double hit on malignant mesothelioma.	Miller, Jill M; Thompson, Joyce K; MacPherson, Maximilian B; Beuschel, Stacie L; Westbom, Catherine M; Sayan, Mutlay; Shukla, Arti	Cancer Prev Res (Phila) (2014 Mar)	7 / 330-40	PubMed Citation

Current Research and Opportunities to Address Environmental Asbestos Exposures.	Carlin, Danielle J; Larson, Theodore C; Pfau, Jean C; Gavett, Stephen H; Shukla, Arti; Miller, Aubrey; Hines, Ronald	Environ Health Perspect (2015 Aug)	123 / A194-7	PubMed Cita
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Exosomes: Potential in Cancer Diagnosis and Therapy.	Munson, Phillip; Shukla, Arti	Medicines (Basel) (2015 Dec)	2 / 310-327	PubMed Cita
Exploratory use of docetaxel loaded acid-prepared mesoporous spheres for the treatment of malignant ...	Kaiser, Sameer; MacPherson, Maximilian B; James, Ted A; Emery, Albert; Spiess, Page; van der Vliet, Albert; Landry, Christopher C; Shukla, Arti	Cancer Nanotechnol (2015)	6 / 1	PubMed Cita
Extracellular signal-regulated kinase 5 and cyclic AMP response element binding protein are novel pa ...	Sayan, Mutlay; Shukla, Arti; MacPherson, Maximilian B; Macura, Sherrill L; Hillegass, Jedd M; Perkins, Timothy N; Thompson, Joyce K; Beuschel, Stacie L; Miller, Jill M; Mossman, Brooke T	Am J Respir Cell Mol Biol (2014 Nov)	51 / 595-603	PubMed Cita
Extracellular signal-regulated kinase 5: a potential therapeutic target for malignant mesotheliomas.	Shukla, Arti; Miller, Jill M; Cason, Christopher; Sayan, Mutlay; MacPherson, Maximilian B; Beuschel, Stacie L; Hillegass, Jedd; Vacek, Pamela M; Pass, Harvey I; Mossman, Brooke T	Clin Cancer Res (2013 Apr 15)	19 / 2071-83	PubMed Cita

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Inflammasome Modulation by Chemotherapeutics in Malignant Mesothelioma.	Westbom, Catherine; Thompson, Joyce K; Leggett, Alan; MacPherson, Maximilian; Beuschel, Stacie; Pass, Harvey; Vacek, Pamela; Shukla, Arti	PLoS One (2015)	10 / e0145404 PubMed Cita
Inflammation-Related IL1 $\beta$ /IL1R Signaling Promotes the Development of Asbestos-Induced Malignant Meso ...	Kadariya, Yuwaraj; Menges, Craig W; Talarchek, Jacqueline; Cai, Kathy Q; Klein-Szanto, Andres J; Pietrofesa, Ralph A; Christofidou-Solomidou, Melpo; Cheung, Mitchell; Mossman, Brooke T; Shukla, Arti; Testa, Joseph R	Cancer Prev Res 9 / 406-14 (Phila) (2016 May)	PubMed Cita
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New insights into understanding the mechanisms, pathogenesis, and management of malignant mesothelioma	Mossman, Brooke T; Shukla, Arti; Heintz, Nicholas H; Verschraegen, Claire F; Thomas, Anish; Hassan, Raffit	Am J Pathol 182 / 1065-77	PubMed Cita